

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) A driving method for a display device having a light emitting element, a first memory, a second memory, a writing circuit, a reading circuit and a selector circuit, the method comprising the steps of:

- inputting a first signal into the reading circuit;
- inputting a second signal into the writing circuit;
- inputting a third signal into the selector circuit;

starting to write a second video data to one of the first memory and the second memory when the first signal and the second signal are in a first state;

setting the first signal and the second signal to a second state after the second video data is written to one of the first memory and the second memory;

setting the second signal to the first state after a first video data is read from the other of the first memory and the second memory;

changing a state of the third signal between a third state and a fourth state when the first signal is in the second state and the second signal is in the first state; and

setting the first signal to the first state after changing the state of the third signal,

wherein the selector circuit selects the first memory as a memory for writing and selects the second memory as a memory for reading when the third signal is the third state, and selects the second memory as the memory for writing and selects the first memory as the memory for reading when the third signal is the fourth state, and

wherein light or non-light of said lighting element is controlled by a video data.

2. (Currently Amended) A display device comprising:

a light emitting element;

a first memory;
a second memory;
a selector circuit which selects one of the first memory and the second memory as a memory for writing and selects other of the first memory and the second memory as a memory for reading;
a reading circuit which reads a video data from a memory for reading; and
a writing circuit which writes the video data to a memory for writing and enters a wait state after writing is finished,
wherein a pulse of a constant period is input into the writing circuit,
wherein the start of writing of the writing circuit is controlled based on the pulse after revision of a selection by the selector circuit, and
wherein light or non-light of the lighting element is controlled by the video data.

3. (Previously Presented) A display device according to claim 2,
wherein the light emitting element, the first memory, the second memory, the selector circuit, the reading circuit and the writing circuit are formed over a substrate altogether.

4. (Canceled)

5. (Previously Presented) A display device according to claim 2,
wherein said memory is implemented over a substrate.

6. (Previously Presented) The display device according to claim 2, wherein the display device is incorporated in an electronic device selected from the group consisting of a video camera, a digital camera, a goggle display, a navigation system, a sound reproduction device, a laptop personal computer, a game device, a personal digital assistant and picture reproducer.

7. (Currently Amended) A driving method for a display device having a light emitting element, a first memory, a second memory, a writing circuit and a selector circuit, wherein the selector circuit selects one of the first memory and the second memory as a memory for writing

and selects the other of the first memory and the second memory as a memory for reading and writes video data to the first memory and the second memory alternately, the method comprising the steps of:

inputting a pulse having a constant period into the writing circuit;

writing a second video data to the memory for writing;

setting the writing circuit to a wait state after the second data is written to the memory for writing;

changing selection of the selector circuit after writing a second video data to the memory for writing and reading a first video data from the memory for reading when the writing circuit is in a wait state; and

starting to write a third video data to the memory for writing based on a pulse having a constant period received after changing selection of the selector circuit,
wherein light or non-light of the lighting element is controlled by the video data.

8-11. (Canceled)

12. (Withdrawn) A display device having a light emitting element and expressing a gradation with a length of lighting time,

said display device comprising:

first and second memories;

a conversion circuit to convert video signals from serial to parallel; and

first switch and second switch,

wherein the video signal is inputted to said first memory or said second memory through said first switch after converted to parallel by said conversion circuit, and

an output signal of said first memory or said second memory is inputted to a display through said second switch.

13. (Withdrawn) A display device according to claim 12,

wherein said memory is implemented on FPC.

14. (Withdrawn) A display device according to claim 12,
wherein said memory is implemented over a substrate.

15. (Withdrawn) An electronic device comprising the display device of claim 12.

16. (Previously Presented) A driving method for a display device having a light emitting element, a first memory, a second memory and a writing circuit, where video data is written to the first memory and the second memory alternately, the method comprising the steps of:

inputting a pulse having a constant period into the writing circuit;

writing a second video data to one of the first memory and the second memory;

setting the writing circuit to a wait state after the second data is written to one of the first memory and the second memory; and

starting to write a third video data to other of the first memory and the second memory after a first video data is read from other of the first memory and the second memory and the pulse is input into the writing circuit in the wait state,

wherein light or non-light of the lighting element is controlled by the video data.